SIEMENS

MOBILETT XP Digital

SP

Disposal Instructions

System

Environmental Protection Measures

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The document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

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4 Personal and environmental protection measures

General

The disposal of dangerous materials, harmful substances and potential recyclables when decommissioning the system or its components is as important as the replacement of individual parts during usage.

The overview of harmful substances contained in these instructions provides information about the components and assemblies that must be disposed of individually. The disposal information and graphics help identify hazardous materials, harmful substances and recyclables. In addition, safety-relevant instructions for the system are included.

Required Documents

- Instructions “Replacement of Parts” (Print no.: SPR8-230.841.30...) and
- Troubleshooting Instructions (Print no.: SPR8-230.840.01...)

The following instructions must be strictly observed when working with the MOBILETT XP Digital:

⚠ DANGER

There is danger of life-threatening electrical shock and injury when dismantling components.

Disregarding the safety instructions will lead to death or serious bodily injury.

- ➪ **Detailed information can be found in the “Replacement of Parts” instructions.**
- ➪ **These instructions can be ordered from the local Siemens office and should be used for all work.**

⚠ DANGER

High voltage! There is danger of life-threatening electrical shock.

Capacitors that were removed from a capacitor package can still be under high voltage for an extended period of time (i.e. after days or weeks).

Disregarding the safety instructions will lead to death or serious bodily injury.

- ➪ **Do not touch the dangerous areas or contacts of the capacitors until they are fully discharged.**
- ➪ **After removal of capacitors, bypass their contacts permanently (e.g. with wire jumpers).**

Disposal list

- The following components must be disposed of by an authorized company.

Component Assembly	Position	Danger / Hazardous Material	Quantity
Single tank	(1/Fig. 1 / p. 7)	Persons / Environment / Risk of Implosion / Lead Oil	 1.9 kg 8.6 kg
Multileaf collimator	(2/Fig. 1 / p. 7)	Persons / Environment / Lead	 1.0 kg
Spring unit cpl.	(7/Fig. 2 / p. 8)	Mechanical Hazards / Tension Spring	 1 pc.
Backup battery	Board D916 below the cover (4/Fig. 1 / p. 7)	Environment / Lithium	 0.05 kg
Batteries	Behind board D982 (8/Fig. 2 / p. 8)	Environment / Lead Acid (Pb)	24 x 0.5 kg
Electrolytic capacitors	ELCOS on all boards	Persons / Environment /	n.a.
Electrolytic capacitors	Capacitor package (6/Fig. 2 / p. 8)	Dry Aluminum Electrolyte	12 x 1.6 kg
Boards and CXDI PC	All boards (9/Fig. 2 / p. 8)	Environment / Epoxy Resin Soldering Lead	ea. 0.1 kg 0.04 kg
Cables	Entire device	Environment / Insulation PVC	 0.5 kg
Laptop PC	Under the cover (4/Fig. 1 / p. 7)	Environment / Lithium Battery Epoxy Resin Soldering Lead	1x 2.4 kg
CXDI-50G Detector	In the holder (3/Fig. 1 / p. 7)	Environment / Gd_2O_2S Scintillator	1x 4.5 kg

Component Assembly	Position	Danger / Hazardous Material	Quantity
Touch Screen Display	(4/Fig. 1 / p. 7)	n.a.	1x 1.5 kg
Exposure grid	Can be removed from the detector in the holder (3/Fig. 1 / p. 7)	Environment / Lead	1x 1.1 kg

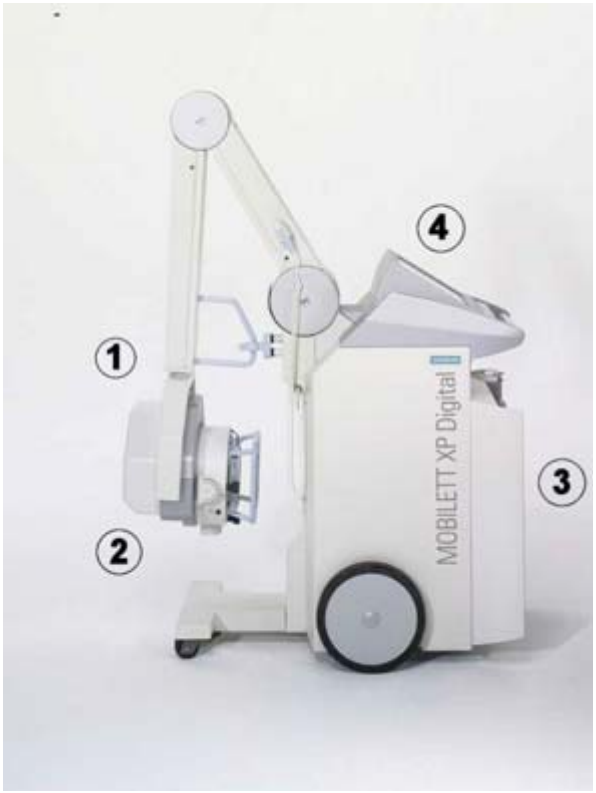

Fig. 1: MOBILETT XP Digital - Overview

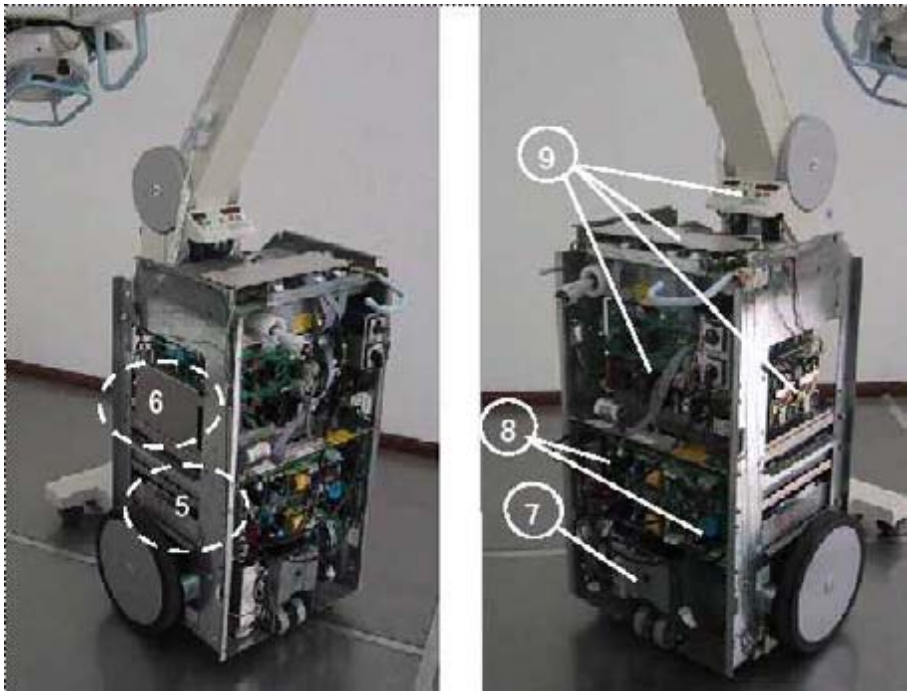

Fig. 2: Open system

Changes to Previous Version

Chapter	Page	Revision
All	n.a.	Editorial revision, Eco option added

10 Personal and environmental protection measures